(19) JAPANESE PATENT OFFICE

PATENT ABSTRACTS OF JAPAN

(11) Publication number: **06104829 A**

(43) Date of publication of application: **15.04.94**

(51) Int. Cl **H04B 7/26**

(21) Application number: **04251269**

(22) Date of filing: **21.09.92**

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(54) DIGITAL RADIO TELEPHONE SYSTEM

(57) Abstract:

PURPOSE: To considerably improve operability by setting the low power consumption mode when a battery voltage is decreased so as to implement talking continuously without interruption of the talking.

CONSTITUTION: A digital radio telephone system is provided with a continuous speech button detection section 13, a coding rate changeover section 14, a variable coding rate voice coding section 17, an output power changeover section 15, a variable coding rate voice decoding section 18, and a coding rate detection section 16 to improve the voice CODEC coding rate when a battery voltage is reduced thereby increasing the processing gain at spread spectrum communication and realizing stable communication with low transmission power. Thus, the power consumption is reduced and the continuous talking is attained even when a battery voltage is decreased.

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